Comparative statement

Government of Karnataka

Form No. PWG-45

BBMP. RR Nagara — **Estimate Amount: 1000.00 Lakhs**

Name of Work:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13).

Sl	Description of Item	Unit	As per BOQ			Total Executed Qty	up to 125%			Above 125% more than tender Qty			Total Amount	Amount		Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount		Excess	Savings	
1	2	3	4	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump.MWS.P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe.depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesones to work site,engaging technical personal and labour required etc.,	No	12.00	3806.00	45672.00	19.00	15.00	3806.00	57090.00	4.00	3805.68	15222.72	72312.72	26640.72	0.00	
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 0 to 50 m	Rmt	600.00	350.00	210000.00	950.00	750.00	350.00	262500.00	200.00	350.47	70094.00	332594.00	122594.00	0.00	
3	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 50 to 100 m	Rmt	600.00	446.00	267600.00	950.00	750.00	446.00	334500.00	200.00	446.42	89284.00	423784.00	156184.00	0.00	
4	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 100 to 150 m	Rmt	600.00	461.00	276600.00	950.00	750.00	461.00	345750.00	200.00	460.56	92112.00	437862.00	161262.00	0.00	
5	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 150 to 200 m	Rmt	600.00	541.00	324600.00	950.00	750.00	541.00	405750.00	200.00	541.36	108272.00	514022.00	189422.00	0.00	
6	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 200 to 250 m	Rmt	600.00	640.00	384000.00	950.00	750.00	640.00	480000.00	200.00	640.34	128068.00	608068.00	224068.00	0.00	
7	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) 250 to 300 m	Rmt	600.00	707.00	424200.00	950.00	750.00	707.00	530250.00	200.00	707.00	141400.00	671650.00	247450.00	0.00	

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	Description of Item	Unit	As per BOQ			Total Executed Qty			up to 125%			Above 125% Rate then Lower Qty			Remarks
			Qty	Rate	Amount	Qty	Qty	Amount	Rate	Qty	Amount	Rate	Amount	Saving	
7	Sinking &cement of 165 mm dia drier using lower bot hydraulic rig of capacity 300 MT,PSC & above 1165 CM/F & above with strata including over burden upto 25 M hrsg & compaction for one hour ,including cost of casing pipes, collars ,cas ect (300 m)	Rmt	600.00	813.00	498900.00	950.00	750.00	609750.00	813.00	200.00	162600.00			262650.00	
8	Sinking &cement of 165 mm dia drier using lower bot hydraulic rig of capacity 300 MT,PSC & above 1165 CM/F & above with strata including over burden upto 25 M hrsg & transportation of rig and supporting vehicles, crew charges and cost of consumables etc, complete including yield testing at the final depth with a minimum working of compressor for one hour ,including cost of casing pipes, collars ,cas ect (300 m)	Rmt	600.00	813.00	487800.00	950.00	750.00	609750.00	813.00	200.00	162600.00	791.25	158250.00	237600.00	
9	Sinking &cement of 165 mm dia drier using lower bot hydraulic rig of capacity 300 MT,PSC & above 1165 CM/F & above with strata including over burden upto 25 M hrsg & transportation of rig and supporting vehicles, crew charges and cost of consumables etc, complete including yield testing at the final depth with a minimum working of compressor for one hour ,including cost of casing pipes, collars ,cas ect (400 m)	Rmt	800.00	969.00	544400.00	950.00	750.00	726750.00	969.00	200.00	193800.00	943.13	188625.00	362475.00	
10	Providing and fixing 250mm dia PVC casing pipes As Per Direction of Engineer incharge	Rmt	240.00	1140.00	273600.00	380.00	300.00	342000.00	1140.00	80.00	91200.00	1110.75	88860.00	180060.00	
11	Supply of SI Mark 125mm nominal Bore, Plain end steel casing Pipe grade of steel Fe 410 of weight 14.2 kg/m thickness 5.6mm thick conforming to IS 4270:2003 and latest revision complete with Socket, Welding Collar, Welding Ring (3.15 kg/m) and Welding Socket (4.5 kg/m) of length as per site requirement conforming to IS 1239 (Part-1):2004 and latest revision complete as per specifications Specification No: 185 13.2.14/216 As Per Direction of Engineer incharge	Rmt	607.00	1384.00	840088.00	950.00	760.00	1051600.00	1384.00	190.00	262900.00	1352.63	257000.00	519900.00	0.00
12	Supply of SI Mark 125mm nominal Bore, Plain end steel casing Pipe grade of steel Fe 410 of weight 14.2 kg/m thickness 5.6mm thick conforming to IS 4270:2003 and latest revision complete with Socket, Welding Collar, Welding Ring (3.15 kg/m) and Welding Socket (4.5 kg/m) of length as per site requirement conforming to IS 1239 (Part-1):2004 and latest revision complete as per specifications Specification No: 185 13.2.14/216 As Per Direction of Engineer incharge	Rmt	607.00	1384.00	840088.00	950.00	760.00	1051600.00	1384.00	190.00	262900.00	1352.63	257000.00	519900.00	0.00
13	Providing 125mm dia M.S Collar As Per Direction of Engineer incharge	No	100.00	150.00	15000.00	84.00	68.00	10200.00	150.00	16.00	2400.00	142.50	2280.00	4680.00	0.00
14	Providing 125mm dia Bore Cat CE (M) As Per Direction of Engineer incharge	No	12.00	101.00	1212.00	10.00	8.00	808.00	101.00	2.00	202.00	95.95	191.90	393.90	0.00
15	Supply of Adaptix Sabre CR-14/2/2/SAA and other equipments pump 10.00 HP/7.5 KV (3 stage) As Per Direction of Engineer incharge	Rmt	12.00	50455.00	605460.00	10.00	8.00	403640.00	50455.00	2.00	100910.00	47932.25	95864.50	196774.50	0.00
16	Providing and fixing in trenches galvanised mild steel tube 50mm dia nominal bore medium grade complete as per specifications Specification No: 185 13.2.14/216 As Per Direction of Engineer incharge	Rmt	4440.00	4131.00	18340680.00	7030.00	5160.00	21314160.00	4131.00	1290.00	5329290.00	3924.45	5061190.00	10390480.00	0.00
17	Supplying and drawing 3 core flat PVC insertted submersible pump cable manufactured with electrolytic grade copper with tensile copper with low resistance insulation and power coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attached GTP of approved make including all accessories complete as per specifications Specification No: 185 13.2.14/216 As Per Direction of Engineer incharge	Rmt	9000.00	128.00	1152000.00	3420.00	11250.00	1440000.00	128.00	3000.00	384000.00	121.60	364800.00	748800.00	0.00
18	Providing and fixing in position 50mm nominal bore non-return valve vertical type all leads complete as per specifications Per Direction of Engineer incharge	No	12.00	1359.00	16308.00	15.00	15.00	20385.00	1359.00	4.00	5436.00	1358.59	5434.37	10870.37	0.00
19	Supplying and fixing 50mm GI Union As Per Direction of Engineer incharge	No	12.00	2436.00	29232.00	15.00	15.00	36540.00	2436.00	4.00	9744.00	2435.94	9743.75	19487.75	0.00
20	Supplying and fixing 50mm GI Elbow As Per Direction of Engineer incharge	No	12.00	2772.00	33264.00	15.00	15.00	41580.00	2772.00	4.00	11088.00	2770.31	11081.25	22169.25	0.00
21	Supplying and fixing 50mm GI Nipple As Per Direction of Engineer incharge	No	12.00	1695.00	20340.00	15.00	15.00	25425.00	1695.00	4.00	6780.00	1694.79	6779.17	13559.17	0.00
22	Supplying and fixing 50mm GI Hose coupling As Per Direction of Engineer incharge	No	744.00	2190.00	1629360.00	930.00	744.00	1629360.00	2190.00	186.00	407340.00	2189.54	407257.50	814597.50	0.00
23	Supplying and fixing 20" x 20" x 2.5" polished wood board made of non toxic 25mm thick plank on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc. complete as per specifications Per Direction of Engineer incharge	No	12.00	305.00	3660.00	15.00	15.00	4575.00	305.00	4.00	1220.00	304.33	1217.32	2437.32	0.00
24	Supplying and fixing miniature circuit breakers on existing MCB distribution board with short circuit tripping materials and "C" type curve indicator ON/OFF energy cross-3 confirming to IEC 60898 As Per Direction of Engineer incharge	No	12.00	1955.00	23460.00	15.00	15.00	29325.00	1955.00	4.00	7820.00	1954.94	7819.44	15639.44	0.00
25	Supplying of TSFT with reversible porcelain channels in SM enclosed made out of 14 SWG powder coated point of approved colour 32 amps (As Per Direction of Engineer incharge	No	12.00	1818.00	21816.00	15.00	15.00	27270.00	1818.00	4.00	7272.00	1817.94	7271.76	14543.76	0.00
26	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 230 V AC/ 50 HZ 12/24 V DC As Per Direction of Engineer incharge	No	12.00	434.00	5208.00	15.00	15.00	6510.00	434.00	4.00	1736.00	434.50	1737.20	3473.20	0.00

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount		Excess	Savings	
27	Supplng fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor upto 12 5HPAs Per Direction of Engineer Incharge	No	12.00	6464.00	77568.00	19.00	15.00	6464.00	96960.00	4.00	6464.00	25856.00	122816.00	45248.00	0.00	
28	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP capacities.As Per Direction of Engineer incharge	No	12.00	752.00	9024.00	19.00	15.00	752.00	11280.00	4.00	752.45	3009.80	14289.80	5265.80	0.00	
29	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmmAs Per Direction of Engineer Incharge	Mtrs	240.00	45.00	10800.00	380.00	300.00	45.00	13500.00	80.00	45.45	3636.00	17136.00	6936.00	0.00	
30	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor improvement of rotating machineryAs Per Direction of Engineer incharge	No	48.00	404.00	19392.00	76.00	60.00	404.00	24240.00	16.00	404.00	6464.00	30704.00	11312.00	0.00	
31	Supplying, fixing, wiring, earth electrode for grounding conduits, LC cotouts and equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit.. The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia As Per Direction of Engineer Incharge	No	12.00	3030.00	36360.00	19.00	15.00	3030.00	45450.00	4.00	3029.70	12118.79	57568.79	21208.79	0.00	
32	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund level and consolidating etc., complete As Per Direction of Engineer Incharge	Mtrs	96.00	103.00	9888.00	152.00	120.00	103.00	12360.00	32.00	103.02	3296.64	15656.64	5768.64	0.00	
33	Supplying laying 1.1 KV class LT UG cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (except 2cx 10 sqmm wire armoured) confirming to IS-3975:1990 (No. of strip indicated in GTP) and extruded PVC outer sheathed armoured cable with specified IS-1354 part-1:1988 and confirming to the attached GTP of group A 4 core 16 sq mm As Per Direction of Engineer Incharge	Mtrs	120.00	152.00	18240.00	190.00	150.00	152.00	22800.00	40.00	151.50	6060.00	28860.00	10620.00	0.00	
34	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing trench/duct. 6 sq mm to 16 sq mmAs Per Direction of Engineer Incharge	No	300.00	12.00	3600.00	475.00	375.00	12.00	4500.00	100.00	12.00	1199.88	5699.88	2099.88	0.00	
35	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class 40mmAs Per Direction of Engineer Incharge	Rmt	24.00	338.00	8112.00	38.00	30.00	338.00	10140.00	8.00	338.35	2706.80	12846.80	4734.80	0.00	
36	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound complete with terminals,clamps bolts and nuts and washer etc.,complete for 16 sq mm as per specificationsAs Per Direction of Engineer Incharge	No	12.00	273.00	3276.00	19.00	15.00	273.00	4095.00	4.00	272.70	1090.80	5185.80	1909.80	0.00	
37	Supplying and fixing porcelain fuse channel with cut out on the existing wooden block and wiring complete 63 ampsAs Per Direction of Engineer Incharge	No	36.00	229.00	8244.00	57.00	45.00	229.00	10305.00	12.00	229.27	2751.24	13056.24	4812.24	0.00	
38	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202As Per Direction of Engineer Incharge	Cum	401.27	962.00	386023.95	508.82	501.59	962.00	482529.94	7.23	962.47	6960.99	489490.93	103466.98	0.00	
39	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 As Per Direction of Engineer Incharge	Cum	601.91	481.00	289517.96	763.23	752.39	481.00	361897.45	10.85	480.70	5214.94	367112.39	77594.43	0.00	
40	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (external work) - 50mm nominal OD pipes As Per Direction of Engineer Incharge	Mtr	2048.58	462.00	946444.46	3243.59	2560.73	462.00	1183055.57	682.86	462.50	315822.37	1498877.94	552433.48	0.00	
41	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing Tee, nuts,labour for all item of works,testing and HOM of equipments complete as per specifications.As Per Direction of Engineer Incharge	Each	241.00	517.00	124597.00	297.00	297.00	517.00	153549.00	0.00	0.00	0.00	153549.00	28952.00	0.00	
42	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipesAs Per Direction of Engineer Incharge	Mtr	2651.00	168.00	445368.00	4191.00	3313.75	168.00	556710.00	877.25	168.08	147451.86	704161.86	258793.86	0.00	

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount	Total Amount	Saving	Remarks
40	Providing and fixing to wall, ceiling and floor tile/stone veneer with concealed flange (CCF) system type fittings, wall slits, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications Specification No:KES 22.21.11 3.4As Per Direction of Engineer Incharge	Mtr	8000.00	1350000.00	10800000.00	4917.00	188.00	69956467	0.00	0.00	0.00	0.00	69956467	0.00	40043533
41	Earth work excavation in trenches not exceeding 1.5m, including cost of all labour complete as per specifications Specification No:KES 22.21.11 3.4As Per Direction of Engineer Incharge	Cum	421.34	1350.00	569133.67	421.34	421.34	150.00	63201.67	0.00	0.00	0.00	63201.67	0.00	506465.93
42	Earth work excavation in trenches not exceeding 1.5m, including cost of all labour complete as per specifications As Per Direction of Engineer Incharge	Cum	563.64	990.00	557926.44	563.64	563.64	99.00	55792.16	0.00	0.00	0.00	55792.16	0.00	0.00
43	Loading and unloading of stone aggregates, bricks/pavior/precision blocks, sand at loading point, loading with front end loader dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 3As Per Direction of Engineer Incharge	Cum	563.64	990.00	557926.44	563.64	563.64	99.00	55792.16	0.00	0.00	0.00	55792.16	0.00	0.00
44	Providing and fixing in position brass gate valve with C/channel of approved quality (screwed end) 50mm nominal bore including cost of all labour complete as per specifications As Per Direction of Engineer Incharge	Each	12.00	1862.00	22344.00	12.00	12.00	1862.00	22344.00	0.00	0.00	0.00	22344.00	0.00	0.00
45	Providing and fixing in position brass cock of approved quality with waste pipe and connection complete as per specifications Specification No:KES 22.22.7 3.3As Per Direction of Engineer Incharge	Each	491.00	151.00	74141.00	711.00	613.75	151.00	92676.25	127.25	150.95	22737.61	115413.86	41272.86	0.00
46	Providing and laying in position stone polished countertop of thick 1:4:8 with OPC cement, sand and 10mm and down size graded granite metal coarse aggregate @0.8Cum and fine aggregate @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 100mm, HOM of machinery, curing complete as per specifications. Specification No. KBS 1.1 4.2.4 Per Direction of Engineer Incharge	Cum	309.95	5442.00	1686921.87	176.38	176.38	5442.00	960237.91	0.00	0.00	0.00	960237.91	0.00	726683.96
47	Supplying water storage units made of virgin polymer (LLDPE) with two layers outer UV stabilized and inner food grade material, conforming to IS 12701 specifications, As Per Direction of Engineer Incharge	Ltr	250000.00	5.90	1475000.00	0.00	0.00	5.90	0.00	0.00	0.00	0.00	0.00	0.00	1475000.00
48	Supplying, installation, testing and commissioning of solar hot water heater comprising of Solar Flat Plate Collector (FPC) of size 2220x1240x100mm and stainless steel hot water storage tank with stainless steel heat exchanger absorber coil of 300 litres capacity complete with accessories, electrical back up arrangement including inlet and out let pipes SS Model with 100mm thick of 48Kg/M3 density Rock wool insulation with 22SWG Aluminium cladding 200 Liter capacity As Per Direction of Engineer Incharge	Nos	250.00	490986.00	122731500.00	0.00	0.00	490986.00	0.00	0.00	0.00	0.00	0.00	0.00	122731500.00
49	Excavation for pavement, concrete pavement for mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stack piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials separately complete as per specifications. MORTH Specification No. 201 As Per Direction of Engineer Incharge	Cum	1376.79	982.00	1352470.44	227.67	227.67	982.00	223618.54	0.00	0.00	0.00	223618.54	0.00	1128851.90
50	Excavation for road, drains and similar works ES868 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters the dressed earth to be leveled neatly after breaking of lumps complete as per specifications. MORTH / Chapter 3As Per Direction of Engineer Incharge	Cum	1388.97	139.00	193096.32	1388.98	1388.98	139.00	193042.77	0.00	0.00	0.00	193042.77	0.00	133.55
51	Providing and fixing unreinforced PCC pipes with working pressure 10 kg/sq.cm with pipe fittings and testing complete as per specifications with 225mm outer dia charges, HOM and testing complete as per specifications with 225mm outer dia KEWO 5.9.2018 19 As Per Direction of Engineer Incharge	Mtr	679.32	2044.00	1388531.25	679.32	679.32	2044.00	1388531.25	0.00	0.00	0.00	1388531.25	0.00	0.00
52	Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compaction with vibration including curing including cost of materials, labour, HOM complete as per specification MORTH Specification No. 406 As Per Direction of Engineer Incharge	Cum	66.44	4324.00	300392.85	66.44	66.44	4324.00	300392.85	0.00	0.00	0.00	300392.85	0.00	0.00
53	Providing and laying reinforced cement concrete (RCC) for columns including pointing ends and fixing pullers with cement mortar 1:2 including cost of materials, labour, HOM complete as per specifications, curing complete as per specifications. Specifications, As Per Direction of Engineer Incharge	Mtr	125.60	1131.00	142053.60	125.60	125.60	1131.00	142053.60	0.00	0.00	0.00	142053.60	0.00	0.00

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount	Total Amount	Saving	Remarks
2	Providing and laying in position machine mixed cement concrete in the following proportion of materials all as per specifications complete as per drawings and as directed by Engineer Incharge														
a	Class 'A' 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20 mm nominal size)	Cum	1.00	15000.00	15000.00	1.00	1.00	15000.00	15000.00	0.00	0.00	0.00	15000.00	0.00	0.00
b	Class 'B' 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	1.00	13000.00	13000.00	1.00	1.00	13000.00	13000.00	0.00	0.00	0.00	13000.00	0.00	0.00
c	Class 'C' 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	1.00	12000.00	12000.00	1.00	1.00	12000.00	12000.00	0.00	0.00	0.00	12000.00	0.00	0.00
3	Providing and laying in position machine mixed cement concrete in the following proportion of materials all as per specifications complete as per drawings and as directed by Engineer Incharge														
a	Class 'A' 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20 mm nominal size)	Cum	1.00	15000.00	15000.00	1.00	1.00	15000.00	15000.00	0.00	0.00	0.00	15000.00	0.00	0.00
b	Class 'B' 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	1.00	13000.00	13000.00	1.00	1.00	13000.00	13000.00	0.00	0.00	0.00	13000.00	0.00	0.00
c	Class 'C' 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	1.00	12000.00	12000.00	1.00	1.00	12000.00	12000.00	0.00	0.00	0.00	12000.00	0.00	0.00
4	Providing and laying in position machine mixed cement concrete in the following proportion of materials all as per specifications complete as per drawings and as directed by Engineer Incharge														
a	Class 'A' 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20 mm nominal size)	Cum	1.00	15000.00	15000.00	1.00	1.00	15000.00	15000.00	0.00	0.00	0.00	15000.00	0.00	0.00
b	Class 'B' 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	1.00	13000.00	13000.00	1.00	1.00	13000.00	13000.00	0.00	0.00	0.00	13000.00	0.00	0.00
c	Class 'C' 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	1.00	12000.00	12000.00	1.00	1.00	12000.00	12000.00	0.00	0.00	0.00	12000.00	0.00	0.00
5	Providing and laying in position machine mixed cement concrete in the following proportion of materials all as per specifications complete as per drawings and as directed by Engineer Incharge														
a	Class 'A' 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20 mm nominal size)	Cum	1.00	15000.00	15000.00	1.00	1.00	15000.00	15000.00	0.00	0.00	0.00	15000.00	0.00	0.00
b	Class 'B' 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	1.00	13000.00	13000.00	1.00	1.00	13000.00	13000.00	0.00	0.00	0.00	13000.00	0.00	0.00
c	Class 'C' 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	1.00	12000.00	12000.00	1.00	1.00	12000.00	12000.00	0.00	0.00	0.00	12000.00	0.00	0.00
6	Providing and laying in position machine mixed cement concrete in the following proportion of materials all as per specifications complete as per drawings and as directed by Engineer Incharge														
a	Class 'A' 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20 mm nominal size)	Cum	1.00	15000.00	15000.00	1.00	1.00	15000.00	15000.00	0.00	0.00	0.00	15000.00	0.00	0.00
b	Class 'B' 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	1.00	13000.00	13000.00	1.00	1.00	13000.00	13000.00	0.00	0.00	0.00	13000.00	0.00	0.00
c	Class 'C' 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	1.00	12000.00	12000.00	1.00	1.00	12000.00	12000.00	0.00	0.00	0.00	12000.00	0.00	0.00
7	Providing and laying in position machine mixed cement concrete in the following proportion of materials all as per specifications complete as per drawings and as directed by Engineer Incharge														
a	Class 'A' 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20 mm nominal size)	Cum	1.00	15000.00	15000.00	1.00	1.00	15000.00	15000.00	0.00	0.00	0.00	15000.00	0.00	0.00
b	Class 'B' 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	1.00	13000.00	13000.00	1.00	1.00	13000.00	13000.00	0.00	0.00	0.00	13000.00	0.00	0.00
c	Class 'C' 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	1.00	12000.00	12000.00	1.00	1.00	12000.00	12000.00	0.00	0.00	0.00	12000.00	0.00	0.00
8	Providing and laying in position machine mixed cement concrete in the following proportion of materials all as per specifications complete as per drawings and as directed by Engineer Incharge														
a	Class 'A' 1:1:2 (1 cement : 1 coarse sand : 2 graded stone aggregate 20 mm nominal size)	Cum	1.00	15000.00	15000.00	1.00	1.00	15000.00	15000.00	0.00	0.00	0.00	15000.00	0.00	0.00
b	Class 'B' 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	1.00	13000.00	13000.00	1.00	1.00	13000.00	13000.00	0.00	0.00	0.00	13000.00	0.00	0.00
c	Class 'C' 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	Cum	1.00	12000.00	12000.00	1.00	1.00	12000.00	12000.00	0.00	0.00	0.00	12000.00	0.00	0.00
9	Providing and laying reinforced cement concrete (RCC) for columns including pointing ends and fixing pullers with cement mortar 1:2 including cost of materials, labour, HOM complete as per specifications, curing complete as per specifications. Specifications, As Per Direction of Engineer Incharge	Mtr	125.60	1131.00	142053.60	125.60	125.60	1131.00	142053.60	0.00	0.00	0.00	142053.60	0.00	0.00

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	Description of Item	Unit	As per BOQ			Total Executed Qty	up to 125%			Above 125% more than tender Qty			Total Amount	Amount		Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount		Excess	Savings	
56	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom, 1.67 m deep and 0.56m dia at top with table moulded non-modular bricks of 50 class desgnation 50 in cement mortar 1:4. inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm. and downsize granite metal and making necessary channel in cement concrete M 50 with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade desgination) 560mm internal diameter confirming IS :12592, total weight cover and frame to be not less than 182 kg. fixed in cement concrete 1:2:4. 20mm and downsize broken granite metal. providing and removing centering, shuttering including cost of materials, labour charges, HOM of machineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4KPWD As Per Direction of Engineer Incharge	Nos	80.00	25998.00	2079840.00	80.00	80.00	25998.00	2079840.00	0.00	0.00	0.00	2079840.00	0.00	0.00	
57	Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:3, C.I cover withframe (light duty) internal dimensions. total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS. – do – 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:3, C.I cover withframe (light duty) 450x450mmAs Per Direction of Engineer Incharge	Nos	180.00	5674.00	1021320.00	180.00	180.00	5674.00	1021320.00	0.00	0.00	0.00	1021320.00	0.00	0.00	
58	Making connection of drain or sewer line of size 230 to 300 mm external dia with existing manhole including breaking into and making good the walls, floors with cement concrete M 15 with 20mm and downsize granite metal, cement plastered on both sides of mix 1:3, finished with a floating coat of neat cement, and making necessary channels for the drain, including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS As Per Direction of Engineer Incharge	Nos	120.00	3734.00	448080.00	120.00	120.00	3734.00	448080.00	0.00	0.00	0.00	448080.00	0.00	0.00	
59	Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6 P No:73 NO.11.44	Nos	80.00	295.00	23600.00	80.00	80.00	295.00	23600.00	0.00	0.00	0.00	23600.00	0.00	0.00	
60	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 110mm dia	M	750.00	465.00	348750.00	750.00	750.00	465.00	348750.00	0.00	0.00	0.00	348750.00	0.00	0.00	
61	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m including cost of all labour complete as per specifications.As Per Direction of Engineer Incharge	Cum	833.38	130.00	108339.54	833.38	833.38	130.00	108339.40	0.00	0.00	0.00	108339.40	0.00	0.14	
62	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 As Per Direction of Engineer Incharge	Cum	1932.38	99.00	191305.20	782.37	782.37	99.00	77454.38	0.00	0.00	0.00	77454.38	0.00	113850.82	
63	Providing, laying, spreading and compacting specified graded sand, gravel or any other course material 60% and crushed stone aggregates of granite / trap / basalt 40% in sub-base course including premixing the material at OMC in mechanical mixer (Pug mill), carriage of mixed material up to 1km, spreading in uniform layers with motor grader on a prepared base and compacting with power roller to achieve the desired density including all materials, labour, HOM of machinery, lighting, guarding, barricading and maintenance of diversion complete as per specifications. MORTH Chapter 4As Per Direction of Engineer Incharge	Cum	697.85	1336.00	932325.04	183.24	183.24	1336.00	244808.64	0.00	0.00	0.00	244808.64	0.00	687516.40	
64	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3As Per Direction of Engineer Incharge	Cum	10472.17	139.00	1455632.32	10083.54	10083.54	139.00	1401612.45	0.00	0.00	0.00	1401612.45	0.00	54019.86	
65	Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller iler including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 As Per Direction of Engineer Incharge	Sqm	6433.94	6.00	38603.65	6432.86	6432.86	6.00	38597.17	0.00	0.00	0.00	38597.17	0.00	6.48	

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount		Excess	Savings	
66	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.As Per Direction of Engineer Incharge	Cum	965.09	2015.00	1944658.97	2023.26	1206.36	2015.00	2430823.71	816.89	2014.87	1645929.50	4076753.21	2132094.24	0.00	
67	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs. with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. . MORTH Specification No. 601As Per Direction of Engineer Incharge	Cum	965.09	3924.00	3787018.27	2023.26	1206.36	3924.00	4733772.83	816.89	4256.78	3477327.79	8211100.62	4424082.35	0.00	
68	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fne aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fxed side form work (steel channel, laying and fxing of 125 micron thick polythene flm, wedges, steel plates including levelling the form work as per drawing) & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and fnished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint fller, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, fnishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifcations.do- with OPC	Cum	965.09	5263.00	5079275.52	2023.26	1206.36	5263.00	6349094.40	816.89	6062.35	4952278.27	11301372.67	6222097.15	0.00	
69	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.. KPWD S.R 2018-19 As Per Direction of Engineer Incharge	Sqm	6433.94	73.00	469677.77	13488.37	8042.43	73.00	587097.21	5445.94	72.80	396469.03	983566.23	513888.47	0.00	
70	Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifcations. MORTH Specifcation No. 408. As Per Direction of Engineer Incharge	Cum	572.63	4527.00	2592310.90	358.76	358.76	4527.00	1624125.73	0.00	0.00	0.00	1624125.73	0.00	968185.17	
71	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fne aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specifcation No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifcations. -do- Wall & bottom thickness 15cmAs Per Direction of Engineer Incharge	Cum	1355.39	7151.00	9692399.70	1355.39	1355.39	7151.00	9692393.27	0.00	0.00	0.00	9692393.27	0.00	6.44	
72	TMT/MS Bar Reinforcement KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH SpecificationAs Per Direction of Engineer Incharge	ton	88.56	73050.00	6469264.38	88.56	88.56	73050.00	6469308.00	0.00	0.00	0.00	6469308.00	43.62	0.00	
73	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(0.90 x 0.60 x 0.10) (Approved Data rate)	Sqm	2507.38	2337.00	5859740.12	2504.08	2504.08	2337.00	5852042.05	0.00	0.00	0.00	5852042.05	0.00	7698.08	
74	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.10) Approved Data rate(18-11-2016)	Sqm	702.00	5418.00	3803436.00	702.00	702.00	5418.00	3803436.00	0.00	0.00	0.00	3803436.00	0.00	0.00	
75	SUPPLYING AND FIXING OF LEG PRESS DOUBLE OF SAFE AREA : 2.8MTR X 1.5MTR, CENTER PIPE : 100 NB GI B-CLASS PIPE, SEAT FRAME : 32 NB GI B-CLASS Pipe, BLOCK REST : LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN: Seamless Pipe & Round Bar, BEARINGS : PREMENENT SEALED OF REPUTED MAKE (FAG/SKF), STOPER : PU ROD, NUT BLOTS CAP: Nylon 66 injection moulded, NUT BOLTS : HIGH TENSILE STELL, GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER IN CHARGE OF THE WORK.	Nos	2.00	90900.00	181800.00	2.00	2.00	90900.00	181800.00	0.00	0.00	0.00	181800.00	0.00	0.00	

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount	Total Amount	
76	SUPPLYING AND FIXING OF FUN WALKER DOUBLE OF SAFE AEA : 3MTR X 2MTR, MAIN FRAME : 100 NB GI B-Class Pipe, LEG FRAME 32 NB GI B-CLASS Pipe, HANDLE FRAME 25 NB GI B- CLASS Pipe, FOOT REST: LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING HOUSING : Nylon 66 injection moulded, SEAT : LLDP Plastic, SEAT PIN : STEEL Round Bar, NUT BOLTS : HIGH TENSILE STEEL GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK.	Nos	3.00	151500.00	454500.00	3.00	3.00	151500.00	454500.00	0.00	0.00	0.00	0.00	0.00
77	SUPPLYING AND FIXING OF PENDULUM DOUBLE OF SAFE AEA : 3MTR X 3MTR, MAIN FRAME : 100 NB GI B-CLASS Pipe, SEAT FRAME 40 NB GI B-CLASS Pipe, HANDLE FRAME 32 NB & 15 NB GI B-CLASS Pipe, SEAT : LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMLESS Pipe & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, SEAT REST : LLDP Plastic, SEAMLESS Pipe & Round Bar, NUT BOLTS : HIGH TENSILE STEEL GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK.	Nos	2.00	90900.00	181800.00	2.00	2.00	90900.00	181800.00	0.00	0.00	0.00	0.00	0.00
78	SUPPLYING AND FIXING OF SHOULDER PRESS DOUBLE OF SAFE AEA : 4MTR X 2.5MTR, MAIN FRAME : 100 NB GI B-Class Pipe, SEAT FRAME : 32 NB GI B-CLASS Pipe, HANDLE FRAME 32 NB & 15 NB GI B-CLASS Pipe, HANDLE : LLDP Plastic, SEAT : LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, SEAT REST : LLDP Plastic, BEARING HOUSING AND PIN : SEAMLESS Pipe & Round Bar, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING : STEEL, NUT BOLTS CAP : Nylon 66 injection moulded, POWDER COATED OR REPUTED MAKE (FAGUS) NUT BOLTS : HIGH TENSILE STEEL GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK.	Nos	2.00	181800.00	363600.00	2.00	2.00	181800.00	363600.00	0.00	0.00	0.00	0.00	0.00
79	SUPPLYING AND FIXING OF CYCLE TWO WAY OF SAFE AEA : 2.5MTR X 1MTR, MAIN FRAME : 100 NB GI B-Class Pipe, ARM FRAME 40 NB GI B-CLASS Pipe, HANDLE FRAME : 20 NB GI B- CLASS Pipe, SEAT : LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMLESS Pipe & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, POWDER COATED OR REPUTED MAKE (FAGUS) NUT BOLTS : HIGH TENSILE STEEL GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK.	Nos	2.00	106050.00	212100.00	2.00	2.00	106050.00	212100.00	0.00	0.00	0.00	0.00	0.00
80	SUPPLYING AND FIXING OF TAI CHI SPINNER DOUBLE OF SAFE AEA : 3MTR DIA, MAIN FRAME : 100 NB GI B-Class Pipe, HANDLE FRAME32 NB GI B-CLASS Pipe, SPANNING RING: LLDP Plastic, PIPE CAP: Nylon 66 injection moulded, SEAMLESS Pipe & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, BEARING HOUSING : Nylon 66 injection moulded, BEARING PERMANANT SEALED OF REPUTED MAKE (FAGUS), NUT BOLTS : HIGH TENSILE STEEL GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK	Nos	3.00	90900.00	272700.00	3.00	3.00	90900.00	272700.00	0.00	0.00	0.00	0.00	0.00
81	SUPPLYING AND FIXING OF TWISTER THREE WAY OF SAFE AEA : 2.5 MTR DIA, MAIN FRAME : 100 NB GI B-Class Pipe, ARM FRAME 32 NB GI B- CLASS Pipe, HANDLE FRAME :20 NB GI B-CLASS Pipe, TWISTER DISC: LLDP Plastic, SEAT: LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMLESS Pipe & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, SEAT REST: LLDP Plastic, SEAMLESS Pipe & Round Bar, NUT BOLTS : HIGH TENSILE STEEL GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK	Nos	2.00	90900.00	181800.00	2.00	2.00	90900.00	181800.00	0.00	0.00	0.00	0.00	0.00
82	SUPPLYING AND FIXING OF CHEST PRESS DOUBLE OF SAFE AEA : 4MTR X 2.5MTR OF CENTRE PIPE: 100 NB GI B-Class Pipe, SEAT FRAME : 32 NB GI B-CLASS Pipe, HANDLE FRAME32 NB & 15 NB GI B-CLASS Pipe, Handle Cover moulded, BEARING HOUSING SEAT REST: LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMLESS Pipe & Round Bar, BEARING: PERMANANT SEALED OF REPUTED MAKE (FAGUS), NUT BOLTS CAP : Nylon 66 injection moulded, NUT BOLTS : HIGH TENSILE STEEL GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK	Nos	1.00	181800.00	181800.00	1.00	1.00	181800.00	181800.00	0.00	0.00	0.00	0.00	0.00
83	SUPPLYING AND FIXING OF SHOULDER PRESS DOUBLE OF SAFE AEA : 4MTR X 2.5MTR, MAIN FRAME : 80 NB GI B-Class Pipe, SEAT FRAME:80 NB GI B-CLASS Pipe, HANDLE FRAME: 32NB GI B- CLASS PIPE, SEAT: LLDP Plastic, PIPE CAP : Nylon 66 injection moulded, BEARING CAP : Nylon 66 injection moulded, BEARING HOUSING AND PIN : SEAMLESS Pipe & Round Bar, NUT BOLTS CAP : Nylon 66 injection moulded, BEARING: PERMANANT SEALED OF REPUTED MAKE (FAGUS), NUT BOLTS : HIGH TENSILE STEEL GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK.	Nos	3.00	62920.00	188760.00	3.00	3.00	62920.00	188760.00	0.00	0.00	0.00	0.00	0.00

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	Description of Item	Unit	As per BOQ			Total Executed Qty			up to 31/3/			Above 102% more than tender Qty			Total Payment	Remarks	Remarks by
			Qty	Rate	Amount	Qty	Qty	Amount	Qty	Rate	Amount	Qty	Rate	Amount			
84	SUPPLYING AND FIXING OF FLN RIDER OF SAFE AEA - 2 SHUTTER 1 SHUTTER MAIN FRAME : 80 X 40 X 3 MM THK GI C CLASS PIPE, SEAT : LLDP Plastic, PIPE CAP : Nylon 66 injection moulded BEARING CAP, Nylon 66 injection moulded BEARING HOUSING AND PIN: SEAMLESS Pipe & Round Bar, NUT BOLTS CAP : HIGH TENSILE STEEL (GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK.	Nos	1.00	1515000.00	1515000.00	1.00	1.00	1515000.00	1515000.00	0.00	0.00	0.00	0.00	1515000.00	1.00	1.00
85	SUPPLYING AND FIXING OF STEP TRANSFER OF SAFE AEA - 2 SHUTTER 1 SHUTTER MAIN FRAME : 100 X 50 X 3 MM THK GI C CLASS PIPE, SEAT : LLDP Plastic, PIPE CAP : Nylon 66 injection moulded BEARING CAP, Nylon 66 injection moulded BEARING HOUSING AND PIN: SEAMLESS Pipe & Round Bar, NUT BOLTS CAP : HIGH TENSILE STEEL (GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK.	Nos	2.00	1833135.00	3666270.00	2.00	2.00	3666270.00	3666930.00	0.00	0.00	0.00	0.00	3666930.00	2.00	2.00
86	SUPPLYING AND FIXING OF ROLLING BARREL DOUBLE OF SAFE AEA - 2 SHUTTER 1 SHUTTER MAIN FRAME : 100 X 50 X 3 MM THK GI C CLASS PIPE, SEAT : LLDP Plastic, PIPE CAP : Nylon 66 injection moulded BEARING CAP, Nylon 66 injection moulded BEARING HOUSING AND PIN: SEAMLESS Pipe & Round Bar, NUT BOLTS CAP : HIGH TENSILE STEEL (GALVANISED NUT BOLTS, POWDER COAT : DONE BY PURE POLYURETANE POWDER WITH 70-80 MICRON THICKNESS AS PER ENGINEER INCHARGE OF THE WORK.	Nos	2.00	1454460.00	2908880.00	2.00	2.00	2908880.00	2908880.00	0.00	0.00	0.00	0.00	2908880.00	2.00	2.00
87	Providing and laying cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing of the tiles with white cement, including cost of materials, including curing complete as per specification	Sqm	557.66	1305705	728038.94	557.66	557.66	728038.94	1303.00	0.00	0.00	0.00	0.00	0.00	728038.94	0.00	0.00
88	Cutting and constructing granite / brick / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications(Page - 25/ Item no.5.6)	Cum	29.40	4920.00	144648.00	29.40	29.40	144648.00	4920.00	0.00	0.00	0.00	0.00	0.00	144648.00	0.00	0.00
89	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 0.69 bag per cum and fine aggregate and coarse aggregate (40 mm nominal size) in the proportion as per IS 2430, with 20mm and down size graded stone aggregate, machine mixed concrete laid in layers not exceeding 15 cm each and well compacted in foundation, plinth and cills, including curing complete as per specification. Cost of all materials, labour, HOM of machinery, curing complete as per specifications.(Page - 13/ Item no.4.6)	Cum	19.51	5870.00	114509.22	19.51	19.51	114509.22	5870.00	0.00	0.00	0.00	0.00	0.00	114509.22	0.00	0.00
90	Providing and laying cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including curing, grading the edge to half/full round wherever required, labour, curing complete as per specification	Sqm	857.74	1263.00	1083334.47	857.74	857.74	1083334.47	1263.00	0.00	0.00	0.00	0.00	0.00	1083334.47	0.00	0.00
91	Providing and laying pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing curing including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc complete	no's	130.00	3544.00	460720.00	130.00	130.00	460720.00	3544.00	0.00	0.00	0.00	0.00	0.00	460720.00	0.00	0.00
92	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm thick each of length 25 cms. including cost of all materials cutting, bending, scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)(Page - 266/ Item no.37.2)	mtr	115.50	920.00	106260.00	115.50	115.50	106260.00	920.00	0.00	0.00	0.00	0.00	0.00	106260.00	0.00	0.00
93	Providing and fixing M.S. Block pipe of 38mm dia, of heavy gauge of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two vertice poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc. complete including two coats of approved quality paint over one coat of shop paint.(Page - 266/ Item no.37.4)	mtr	210.00	437.00	91770.00	210.00	210.00	91770.00	437.00	0.00	0.00	0.00	0.00	0.00	91770.00	0.00	0.00

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No.	Description of Item	Unit	As per BOQ			Total Executed Qty		up to 225%			Above 225% but below 250%			Above 250%		
			Qty	Rate	Amount	Qty		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
94	Providing chain link fencing 50mm size of 8 gauge properly stretched between existing rectangular poles and fixed with suitable bolts & nuts as required including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Sqm	196.00	765.00	149940.00	196.00		196.00	765.00	149940.00	0.00	0.00	0.00	0.00	0.00	0.00
95	Earthwork excavation for foundation of building, culverts, water supply, sanitary installations not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of crust complete as per specifications	Cum	18.57	171.00	3175.47	0.00		0.00	171.00	0.00	0.00	0.00	0.00	18.57	171.00	3175.47
96	Earthwork excavation for foundation of building, culverts, water supply, sanitary installations not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of crust complete as per specifications	Cum	73.50	326.00	23965.80	0.00		0.00	326.00	0.00	0.00	0.00	0.00	73.50	326.00	23965.80
97	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 180 kg/c with 40mm and down size graded machine mixed, concrete aggregate @ 0.85 cum and fine aggregate @ 0.425cum, well compacted in foundation and plinth bed in layers not exceeding 150mm thick, well compacted as per specification KSBB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kg/c with 20mm size graded granite metal coarse aggregate @ 0.85cum and fine aggregates @ 0.425cum, with approved admixture @ 1% confirming to IS9103:1999 Reaffirmed 2008, machine mixed, laid in layers not exceeding 150mm thick, well compacted and finished as per specification.	Cum	9.30	5965.00	55474.50	0.00		0.00	5965.00	0.00	0.00	0.00	0.00	9.30	5965.00	55474.50
98	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kg/c with 20mm size graded granite metal coarse aggregate @ 0.85cum and fine aggregates @ 0.425cum, with approved admixture @ 1% confirming to IS9103:1999 Reaffirmed 2008, machine mixed, laid in layers not exceeding 150mm thick, vibrated finishes, retaining walls, return walls, wing walls, abutments, piers, arches, buttresses, string or lacing courses, parapets, foundation plinth and ground floor wall floor up to attached plasters, columns, parts, absorbing bed blocks, anchor, plain window cills, flakes etc., including cost of all materials, labour, HOM of machinery, curing complete as per specification Specification No. KEBS 4.1.44 (P.No. 124-12)	Cum	13.28	6594.00	87565.02	0.00		0.00	6594.00	0.00	0.00	0.00	0.00	13.28	6594.00	87565.02
99	Providing and removing centering, shuttering, structure, propping etc., and removal of form work for flat surface such as soffits of beams, beam haunching, cantilever pressumers & lintels & not exceeding 3.0 m depth, including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.3	Sqm	72.00	480.00	34560.00	0.00		0.00	480.00	0.00	0.00	0.00	0.00	72.00	480.00	34560.00
100	Providing and laying in position reinforced cement concrete of design mix M20 with 12mm & down size graded granite metal coarse aggregate @ 0.85cum and fine aggregates, @ 0.425 Cum with super plasticiser @ 0.225 Ltrs machine mixed well compacted plain chajja & SO slab, slanting slabs, landings, balconies and staircases, including curing complete as per specifications Specification No. KEBS 4.6.3	Sqm	3.10	480.00	1488.00	0.00		0.00	480.00	0.00	0.00	0.00	0.00	3.10	480.00	1488.00
101	Providing and removing centering, shuttering, structure, propping etc., for chajja, HOM of machinery, curing complete as per specification Ground floor	Sqm	6.20	352.00	2182.40	0.00		0.00	352.00	0.00	0.00	0.00	0.00	6.20	352.00	2182.40
102	Providing and removing centering, shuttering, structure, propping etc., for corbels of all shapes & sizes at all elevations & heights	Sqm	6.20	352.00	2182.40	0.00		0.00	352.00	0.00	0.00	0.00	0.00	6.20	352.00	2182.40
103	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking placing in position lapping and / or welding wherever required, tieing with binding wire and anchoring to the adjacent members wherever necessary, complete as per design / plan, including HOM of machineries etc., complete as per specifications. Specification No. KBS 4.6.3 FOR TMT Bars Fe- 500 Ground Floor	Tonne	1.56	77410.00	120759.60	0.00		0.00	77410.00	0.00	0.00	0.00	0.00	1.56	77410.00	120759.60
104	Providing & Constructing Granite/ trap/basalt size stone Masonary in basement with Cement mortar 1:8 edges of stone chisele dressed to courses not less than 15 cms high, bond stones at two mtr apart in each course including cost of all materials, labour, curing complete as per specifications	Cum	29.30	5981.00	175243.30	0.00		0.00	5981.00	0.00	0.00	0.00	0.00	29.30	5981.00	175243.30
105	Filling available excavated soil in trenches in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming and watering with lead upto 50 m, and lift upto 1.5m, including cost of all materials, labour complete as per specifications No.KBS 2.9	Cum	29.40	219.00	6438.60	0.00		0.00	219.00	0.00	0.00	0.00	0.00	29.40	219.00	6438.60
106	Providing and constructing Pre cast solid blocks with Compressive strength not less than 35 kg/ sqm with cement mortar 1:4 masonary (quion, jamb, super structure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	113.50	1008.00	114408.00	0.00		0.00	1008.00	0.00	0.00	0.00	0.00	113.50	1008.00	114408.00

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Sl.	Description of Item	Unit	As per BOQ Qty	As per BOQ Rate	As per BOQ Amount	Total Executed Qty	up to 125% Qty	up to 125% Rate	up to 125% Amount	Above 125% more than tender Qty Qty	Above 125% Rate	Above 125% Amount	Total Amount	Amount Excess	Amount Savings	Remarks
107	Providing & constructing non load bearing walls cemect concrete solid blocks with compressive strength not less than 35 kg/sqm with cement morter 1:4 (jamb, closer blocks) with blocks of size 40X10X20. (LXBXH) confirming to I.S. : 2185/1965 in super structure including cost of materials, labour charges, scaffolding, curing complete as per specification.	Sqm	55.02	885.00	48692.70	0.00	0.00	885.00	0.00	0.00	0.00	0.00	0.00	0.00	48692.70	
108	Providing 18mm thick cement plaster in single coat with cement mortor 1:3 to Brick masonary including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	149.30	301.00	44939.30	0.00	0.00	301.00	0.00	0.00	0.00	0.00	0.00	0.00	44939.30	
109	Providing 18mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(internal)	Sqm	169.30	285.00	48250.50	0.00	0.00	285.00	0.00	0.00	0.00	0.00	0.00	0.00	48250.50	
110	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering.: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. GG	Sqm	56.00	256.00	14336.00	0.00	0.00	256.00	0.00	0.00	0.00	0.00	0.00	0.00	14336.00	
111	Providing INTEGRAL CRYSTALINE Waterproofing treatment to the sunken portion of toilets. Using Crystalline Slurry of approved make @ 1.40 kg per SQM in two coats (0.7 Kg per coat) confirming to ASTM S 1202 & DINV 18998 standards.	Sqm	69.12	469.00	32417.28	0.00	0.00	469.00	0.00	0.00	0.00	0.00	0.00	0.00	32417.28	
112	Providing and fixing of factorymade 30 mm P.V.C door frame of size 50x47 mm with a wall thickness of 5 mm made out of extrued 5 mm rigid PVC foamsheet metered cut at cornwers & jointed 2 nos 150 mm long brackets of 15 x 15 mm MS Square tube, the entire door frame to be reinforced with 19 x 19 m square tube of 19 gauge. the door frame to be fixed to the wall using MS screws of 65 /80 mm size complete as per manufacturers specification& directions of Engineer in charge.	Sqm	25.83	510.00	13173.30	0.00	0.00	510.00	0.00	0.00	0.00	0.00	0.00	0.00	13173.30	
113	Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19 x 19mm for styles and 15 x 15mm for top and bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5 x 30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges. GG	Sqm	23.90	3029.00	72393.10	0.00	0.00	3029.00	0.00	0.00	0.00	0.00	0.00	0.00	72393.10	
114	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28 Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S. 7452 : 1990, 4nos, of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour, and HOM of machinery complete as per specifications.	Sqm	5.10	4252.00	21685.20	0.00	0.00	4252.00	0.00	0.00	0.00	0.00	0.00	0.00	21685.20	
115	Providing and fixing in position black cuddapah slab / Shahabad Slab/Thandur blue slab 4 cms thick for roofing laid to line and level over wooden rafters or RCC battens pointing exposed joints with cement mortar 1:4 including cost of materials, labour, curing complete as per specifications.	Sqm	5.40	694.00	3747.60	0.00	0.00	694.00	0.00	0.00	0.00	0.00	0.00	0.00	3747.60	
116	Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms	Sqm	57.00	1320.00	75240.00	0.00	0.00	1320.00	0.00	0.00	0.00	0.00	0.00	0.00	75240.00	
117	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.	Sqm	85.70	1391.00	119208.70	0.00	0.00	1391.00	0.00	0.00	0.00	0.00	0.00	0.00	119208.70	
118	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	84.00	120.00	10080.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	10080.00	
119	Providing and applying two coats with oil bound washable distemper of approved brand and shade on Ceiling surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	56.00	129.00	7224.00	0.00	0.00	129.00	0.00	0.00	0.00	0.00	0.00	0.00	7224.00	

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	Description of Item	Unit	As per BOQ		Total Executed Qty		up to 31%		Above 125% over the tender Qty							
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
120	Water proof cement paint KSBB 15:16.1 : Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after thoroughly brooming the surface to remove loose material and efflorescence and other foreign matter cost of labour, tools and consumables and other charges required complete as per specifications.	Sqm	149.30	111.00	16572.30	0.00	111.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests 300mm,S or P trap (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour and HOM of equipments with all leads complete as per specifications	Each	8.00	1451.00	11608.00	0.00	1451.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	Providing and fixing white vitreous china clay flat back, lipped front urinal basin of 450x260x530mm with 5 litres PVC automatic flushing cistern, C.I/ M.S brackets, standard flush pipe and C.P. pipe brackets cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications Specification No: KBS 13.2.6/	Each	3.00	3351.00	10053.00	0.00	3351.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	Providing & fixing of cistern (low level) of approved make conforming to ISI specification with all fittings complete as per specifications	Each	18.00	273.00	4914.00	0.00	273.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	Providing and fixing white vitreous china clay flat back wash basin size 550x460mm with a single 15mm C.P brass pillar cock, C.I/ M.S brackets, 32 mm C.P. brass waste the wall and floor wherever required, including cost of materials, labour complete as per specifications	Each	20.00	189.00	3780.00	0.00	189.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	Providing and fixing to wall, ceiling and floor, , Medium density polyethylene pipes with a single 15mm C.P brass pillar cock, C.I/ M.S brackets, 32 mm C.P. brass waste the wall and floor wherever required, including cost of materials, labour complete as per specifications Specification No: KBS 13.1	Nos	4.00	3295.00	13180.00	0.00	3295.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	Providing and fixing to wall, ceiling and floor, , Medium density polyethylene pipes conforming to IS 15778, having thermal stability for hot and cold water supply 20mm dia	M	20.00	356.00	7120.00	0.00	356.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	Providing and fixing to wall, ceiling and floor , Medium density polyethylene pipes 6.00 kg/ /sqcm working pressure — mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor in b/ KSBB 13.9 : Providing and fixing to wall, ceiling and floor , Medium density	M	35.00	413.00	14455.00	0.00	413.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	polyethylene pipes 6.00 kg/ /sqcm working pressure — mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor in c/ 110mm dia	M	45.00	491.00	22095.00	0.00	491.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing thepipes with the help of clamp at 1.00mtr spacing. This includes jointing of pipes fittings with one set of cpvc solvent cement and testing of joints complete (internal works) (Concealed work including cutting chases and good the walls etc) 20 mm dia pipe nominal OD	M	45.00	225.00	10125.00	0.00	225.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing thepipes with the help of clamp at 1.00mtr spacing. This includes jointing of pipes fittings with one set of cpvc solvent cement and testing of joints complete (internal works) (Concealed work including cutting chases and good the walls etc) 25 mm dia pipe nominal OD	M	35.00	256.00	8960.00	0.00	256.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	Providing and fixing in position brass gate valve with CI wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification no: KBS 13.2.6/ a) of 20mm dia	Nos	15.00	367.00	5505.00	0.00	367.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	Providing and fixing in position brass gate valve with CI wheel of approved quality (screwed end) NB including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification no: KBS 13.2.6/ b) of 25mm dia	Each	15.00	490.00	7350.00	0.00	490.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	Polyethylene water storage tank of specified capacity and make	Nos	2000.00	5.00	10000.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing thepipes with the help of clamp at . This includes jointing of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) 20 mm dia pipe nominal OD pipes	Mtr	25.00	159.00	3975.00	0.00	159.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	Description of Item	Unit	As per BOQ			Total Executed Qty	UP to 125%			Above 125% more than tender Qty			Total Amount	Amount		
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount		Excess	Savings	Remarks
135	Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings including fixing thepipes with the clamp at : . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete (External works) 25 mm dia pipe nominal OD pipes	Mtr	35.00	195.00	6825.00	0.00	0.00	195.00	0.00	0.00	0.00	0.00	0.00	0.00	6825.00	
136	Providing and fixing to wall, ceiling and floor , high density polyethylene pipes 6.00 kgf /sqcm working pressure 110 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor in b) 110 mm dia	Mtr	15.00	256.00	3840.00	0.00	0.00	256.00	0.00	0.00	0.00	0.00	0.00	0.00	3840.00	
137	Providing stone ware gully trap of approved quality and fixing in C C 1:2:4 and plastering with C M 1:3 where ever necessary (Rate including cost of all materials, fixtures and lead). Size :15 cm x 10 cm	Each	4.00	207.00	828.00	0.00	0.00	207.00	0.00	0.00	0.00	0.00	0.00	0.00	828.00	
138	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, CI cover with frame (light duty) 455x450 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with	Nos	8.00	9261.00	74088.00	0.00	0.00	9261.00	0.00	0.00	0.00	0.00	0.00	0.00	74088.00	
139	Supplying, installation, testing and commissioning of solar hot water heater, comprising of solar Flat Plate Collector (FPC) of size 2120x1040x100mm and stainless steel hot water storage tank with stainless steel heat exchanger absorber made of copper sheet and copper tube of following capacity aluminium box collector with appropriate capacity of electrical back up arrangement excluding inlet and out let pipes.SS Model with 100mm thick of 48Kg/M3 density Rock wool	Each	2.00	60593.00	121186.00	0.00	0.00	60593.00	0.00	0.00	0.00	0.00	0.00	0.00	121186.00	
	Sub Total								7,01,91,918.33			1,37,95,560.91	8,39,87,479.25			
	Tender Premium & Miscelleneous															
	TOTAL				8,39,87,725.00								8,39,87,479.25	1,92,97,204.43	1,92,97,246.47	

Contractor Quoted the Rates +1% Above the S R Rates of 2018-19.

1) Estimated amount	10,00,00,000.00
2) Tendered Amount	8,39,87,725.00
3) Actual amount As per Modified Estimate (Work Slip)	8,39,87,479.25
4) Work Slip Amount	1,92,97,204.43
5) Work Slip %(4/2)	22.98
Savings Amount	245.75

Since the overall expenditure is lesser then estimated amount. The Work slip may please be approved

Assistant Engineer
Ward No 17

EXECUTIVE ENGINEER
RR Nagara Division

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